

Application No. 10/790,509
Amendment dated October 3, 2006
Reply to Office Action of August 31, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computing device, comprising:
 a processor;
 a memory coupled to the processor; and
 program instructions provided to the memory and executable by the processor to:

 track a virtual address space for a process associated with a device connected to the computing device;

 release a physical address space associated with the virtual address space when the device has a connection removed from the computing device; and

 register that the virtual address space, previously available to the process, is no longer valid for process use after the physical address space is released and before the process has released the virtual address space.
2. (Original) The computing device of claim 1, wherein the device includes a device which can be mapped to memory.
3. (Original) The computing device of claim 1, wherein the virtual address space includes an input/output space.
4. (Original) The computing device of claim 1, wherein the program instructions are part of a memory management system which includes a virtual memory data structure associated with the process.